



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/575,195	05/23/2000	Kia Silverbrook	NPA002US	9147
24011	7590	11/09/2005	EXAMINER	
SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, 2041 AUSTRALIA			HEWITT II, CALVIN L	
			ART UNIT	PAPER NUMBER
			3621	
DATE MAILED: 11/09/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/575,195	SILVERBROOK ET AL.	
	Examiner	Art Unit	
	Calvin L. Hewitt II	3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 01 September 2005.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-28 is/are rejected.
- 7) Claim(s) 2 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: _____.

Status of Claims

1. Claims 1-28 have been examined.

Response to Amendments/Arguments

2. The Examiner desires that the Applicant contact the Examiner in order to discuss sections 8.4.3 and 8.4.4 of Applicant's Specification.

Claim Objections

3. Claim 2 is objected to because of the following informalities: Claim 2 recites "... from the zone relative to which the penis located".
Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim 27 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 27 recites making a purchase transaction using the form without a separate display device. However, this directly contradicts Applicant's own disclosure (Specification, page 77, lines 10-18). Clarification is required.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-22, 24, 25, 27 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hamrick, U.S. Patent No. 5,451,998 in view of Henderson et al., U.S. Patent No. 5,737,740.

As per claims 1-8, 10, 12, 13, 18, 20-22, 27, and 28, Hamrick teaches a method of purchasing using a [multi-page] form (figure 2; column 2, lines 2-15; column 5, lines 35-40 and 64-66) comprising: downloading and printing the form (on a surface defining means) (abstract; column 5, lines 30-38; column 6, lines 1-3) wherein the form comprises coded data indicative of the identity of the form

and a plurality of map locations on the form (column 5, lines 28-40), and submitting a purchase order by identifying a purchase transaction using the printed form (abstract; column/line 5/28-6/13). However, Hamrick does not specifically recite using an optically imaging pen to interact with the form. Henderson et al. teach interacting with a form using an optical imaging pen (abstract; column 5, lines 52-62; column 11, lines 5-55). Specifically, Henderson et al. teach:

- a computer system allocating and recording a form identity, and associating the form identity with a map of the form in the computer system, wherein the form includes coded data and a plurality of map locations (column 4, lines 8-24; column 7, lines 38-40)
- interacting with a printed version of the form using an optical imaging pen (by placing the pen in an operative position relative to the form) (abstract; column 11, lines 5-55)
- generating indicating data by the pen using the coded data, the indicating data comprising data regarding the identity of the form and data regarding the location of the pen relative to the form (abstract; column 11, lines 5-55)
- receiving in the computer system the indicating data from the pen (abstract; figure 1; column 4, lines 28-35; column 11, lines 5-55; column 15, lines 10-29; column 17, lines 1-30)

- identifying parameters in the computer system using the indicating data and the map of the form (e.g. at least one zone) (abstract; column 4, lines 28-35; column 11, lines 5-55; column 15, lines 10-29)
- receiving data in the computer system regarding the movement of the pen (abstract; figure 1; column 15, lines 10-29; column 17, lines 1-30)
- converting handwritten text to computer text (abstract; figure 1; column 5, lines 52-62)

Henderson et al. also teach monitoring the pen using a pen identity in order to associate the pen's movements with edits to be made to the electronic file (abstract; figure 1; column 15, lines 10-29; column 17, lines 1-30). Regarding, the relationship of the pen to the potential user, it would have been obvious to name the file. Therefore, it would have been obvious to one of ordinary skill to combine the teachings of Hamrick and Henderson et al. in order to allow users to enter data into an electronic form, such as an order form ('998, column/line 5/35-6/15), in a more familiar and easier to use manner ('740, column 4, lines 36-41).

As per claims 9, 11, 14-17, 19, 24, 25, Hamrick disclose order forms for purchasing goods and services (abstract; column/line 5/28-6/13). A well-known method for making purchases using electronic order forms is to obtain more

information on the goods to be ordered and to include the number of goods in the order and a shipping address, as well as retrievable purchase receipts. Similarly, order forms that comprise credit card info and user authorization signatures are also well known. Hamrick also discloses transmitting the form electronically (abstract). Therefore, it would have been obvious to one of ordinary skill to use well-known technologies such as pointcast or multicast in order for transmitting the form. Further, it has been held that an obvious modification to the order form of Hamrick would be to add designs or images that relate to the shopping experience (e.g. horn of plenty, shopping cart, carton of milk, etc.) (*In re Seid*, 161 F.2d 229, 231, 73 USPQ 431, 433 (CCPA 1947)).

8. Claim 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hamrick, U.S. Patent No. 5,451,998 and Henderson et al., U.S. Patent No. 5,737,740 as applied to claim 22 above and in further view of Dougherty et al., U.S. Patent No. 6,076,734.

As per claim 23, Hamrick teaches printing a form with coded information and using the form to purchase goods and services (abstract; column 2, lines 2-15; column 5, lines 36-38 and 64-66). Henderson et al. teach interacting with the form using an optically imaging pen (abstract). However, neither Hamrick nor Henderson et al. disclose invisible coded data. Dougherty et al. teach a method for ordering goods and services by reading invisible coded data on a form using

an optically imaging pen (column 5, lines 29-62; column 8, lines 15-24).

Therefore, it would have been obvious to one of ordinary skill to combine the teachings of Hamrick, Henderson et al. and Dougherty et al. in order to allow users to more efficiently order data by accessing directly the seller's electronic address ('734, column 3, lines 3-8, column 8, lines 15-24; '998, column 2, lines 2-15, column 5, lines 36-38 and 64-66) using the printed form ('998, column 2, lines 2-15, column 5, lines 36-38 and 64-66; '740, abstract).

9. Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hamrick, U.S. Patent No. 5,451,998 and Henderson et al., U.S. Patent No. 5,737,740 as applied to claim 1 above and in further view of Ito et al., U.S. Patent No. 5,453,762.

As per claim 26, Hamrick teaches printing a form with coded information and using the form to purchase goods and services (abstract; column 2, lines 2-15; column 5, lines 36-38 and 64-66). Henderson et al. teach interacting with the form using an optically imaging pen (abstract; column 5, lines 32-62) such as a corded pen (column 5, lines 45-51). However, neither Hamrick nor Henderson et al. disclose a unique pen identity. Ito et al. teach a pen with unique pen identity

and identifies a user using said pen (figures 3, 9, and 11; column 6, lines 65-67; column 7, lines 38-47). Therefore, it would have been obvious to modify the combined teachings of Hamrick and Henderson et al. with Ito et al. in order to more accurately translate the movements of the pen ('740, abstract; '762, column 1, lines 10-21, column 2, lines 45-56, column/line 11/55-12/9) into document, such as order forms, edits.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- Robinson et al. disclose digital receipts
- Kee discloses purchase orders with delivery addresses, credit card selection, item price and quantity and user signature
- Patterson discloses purchase orders with signatures

11. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Calvin Loyd Hewitt II whose telephone number is (571) 272-6709. The Examiner can normally be reached on Monday-Friday from 8:30 AM-5:00 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, James P. Trammell, can be reached at (571) 272-6712.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
c/o Technology Center 2100
Washington, D.C. 20231

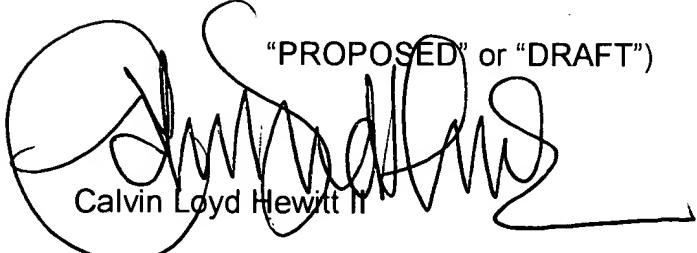
or faxed to:

(571) 273-8300 (for formal communications intended for entry and
after-final communications),

or:

(571) 273-6709 (for informal or draft communications, please label

"PROPOSED" or "DRAFT")



Calvin Loyd Hewitt

November 7, 2005